

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/716,209DATE: 01/03/97
TIME: 12:15:55

INPUT SET: S14744.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: Pradier, Laurent
Barneoud, Pascal
Delaere, Pia
Perricaudet, Michel
Vigne, Emmanuelle

(ii) TITLE OF INVENTION: RECOMBINANT ADENOVIRUSES CODING FOR
BRAIN-DERIVED NEUROTROPHIC FACTOR (BDNF)

(iii) NUMBER OF SEQUENCES: 6

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Rhone-Poulenc Rorer Inc.
(B) STREET: 500 Arcola Road, 3C43
(C) CITY: Collegeville
(D) STATE: PA
(E) COUNTRY: USA
(F) ZIP: 19426-0997

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: WO PCT/FR95/00250
(B) FILING DATE: 02-MAR-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: FR 94/03191
(B) FILING DATE: 18-MAR-1994

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Smith, Julie K.
(B) REGISTRATION NUMBER: 38,619
(C) REFERENCE/DOCKET NUMBER: ST94014-US

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47
48 (ix) TELECOMMUNICATION INFORMATION:
49 (A) TELEPHONE: (610)454-3839
50 (B) TELEFAX: (610)454-3808
51
52
53 (2) INFORMATION FOR SEQ ID NO:1:
54
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 26 base pairs
57 (B) TYPE: nucleic acid
58 (C) STRANDEDNESS: single
59 (D) TOPOLOGY: linear
60
61 (ii) MOLECULE TYPE: other nucleic acid
62
63 (iii) HYPOTHETICAL: NO
64
65 (iv) ANTI-SENSE: NO
66
67
68
69
70 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

71
72 TTCATCGAAT TCCACCAGGT GAGAAG

26

73
74 (2) INFORMATION FOR SEQ ID NO:2:
75
76 (i) SEQUENCE CHARACTERISTICS:
77 (A) LENGTH: 25 base pairs
78 (B) TYPE: nucleic acid
79 (C) STRANDEDNESS: single
80 (D) TOPOLOGY: linear
81
82 (ii) MOLECULE TYPE: other nucleic acid
83
84 (iii) HYPOTHETICAL: NO
85
86 (iv) ANTI-SENSE: NO
87
88
89
90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

92
93 AATATAATCT AGACAACATA AATCC

25

94
95 (2) INFORMATION FOR SEQ ID NO:3:
96
97 (i) SEQUENCE CHARACTERISTICS:
98 (A) LENGTH: 22 base pairs
99 (B) TYPE: nucleic acid

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100 (C) STRANDEDNESS: single
101 (D) TOPOLOGY: linear
102
103 (ii) MOLECULE TYPE: other nucleic acid
104
105 (iii) HYPOTHETICAL: NO
106
107 (iv) ANTI-SENSE: NO
108
109
110
111

112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
113

114 TAGCTTCATC GATTTCACC AG

22

115
116 (2) INFORMATION FOR SEQ ID NO:4:
117

118 (i) SEQUENCE CHARACTERISTICS:
119 (A) LENGTH: 25 base pairs
120 (B) TYPE: nucleic acid
121 (C) STRANDEDNESS: single
122 (D) TOPOLOGY: linear
123

124 (ii) MOLECULE TYPE: other nucleic acid
125

126 (iii) HYPOTHETICAL: NO
127

128 (iv) ANTI-SENSE: NO
129
130
131
132

133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
134

135 AATATAATCT AGACAACATA AATCC

25

136
137 (2) INFORMATION FOR SEQ ID NO:5:
138

139 (i) SEQUENCE CHARACTERISTICS:
140 (A) LENGTH: 30 base pairs
141 (B) TYPE: nucleic acid
142 (C) STRANDEDNESS: double
143 (D) TOPOLOGY: linear
144

145 (ii) MOLECULE TYPE: cDNA
146

147 (iii) HYPOTHETICAL: NO
148

149 (iv) ANTI-SENSE: NO
150
151

152 (ix) FEATURE:

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153 (A) NAME/KEY: CDS
154 (B) LOCATION: 1..30
155
156

157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
158

159 AGA GGC GAC TAC AAG GAC GAC GAT GAC TAG
160 Arg Gly Asp Tyr Lys Asp Asp Asp Asp *
161 1 5 10
162
163

30

164 (2) INFORMATION FOR SEQ ID NO:6:
165

166 (i) SEQUENCE CHARACTERISTICS:
167 (A) LENGTH: 9 amino acids
168 (B) TYPE: amino acid
169 (D) TOPOLOGY: linear
170

171 (ii) MOLECULE TYPE: protein
172

173 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
174

175 Arg Gly Asp Tyr Lys Asp Asp Asp Asp
176 1 5 10
177